

VOMPE, A.F.

Some derivatives of benzothiazole. Part 7: Obtaining crystalline  
2-methylbenzothiazole. Trudy NIKPI no.40:119-120 '60. (MIRA 15:2)  
(Photographic emulsions) (Dyes and dyeing) (Benzothiazole)

VOMPERSKIY, S.E.

Structural features of root systems of *Pinus silvestris* L. in  
drained peat soils. Bot. zhur. 44 no.1:79-87 Ja '59. (MIRA 12:1)

1. Institut lesa AN SSSR, sele Uspenskiye Moskovskoy obl.  
(Pine) (Roots (Botany)) (Peat soils)

VOMPERSKIY, S. E.

USSR/Forestry - Forest Management.

K-3

Abs Jour : Ref Zhur - Biol., No 20, 1958, 91539

Author : Vomperskiy, S.E.

Inst : AS USSR

Title : Increasing the Productivity of Bog Forests.  
(Conference on Cultivation of Bog Forests).

Orig Pub : Vestn. AN SSSR, 1958, No 2, 110-119.

Abstract : Abstract.

Card 1/1

VOMPERSKIY, S.N.

Effectiveness of forest drainage in relation to the quality of peat  
soils. Trudy Inst. lesa 49:101-102 '59. (MIRA 13:2)

1. Institut lesa AN SSSR.

(Drainage) (Peat soils)

USSR / Forestry. Forest Biology and Typology

K-2

Abs Jour: Ref Zhur-Biol., No 10, 1958 43909

Author : Vomperskiy, S. E.

Inst : Forestry Institute AS USSR

Title : Study of the Growth of Pine Saplings Emerging  
After Improvement of Drained Peat Soils

Orig Pub: Tr. In-ta lesa AN SSSR, 1957, 35, 85-108

Abstract: Studies conducted under the conditions prevailing in Leningradskaya Oblast on nine bogs with a peat layer at 0.4 to 4.0 meters depth established that after soil improvement the young plants in the regeneration phase at the time of drainage grow better. The height of these pine forests at the

Card 1/3

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USSR / Forestry. Forest Biology and Typology

K-2

Abs Jour: Ref Zhur-Biol., No 10, 1958, 43909

end of the I age class is 3 to 4 times larger and at the end of the II age class is 5 to 5 times more that the height of plantings of identical age grown in identical soil conditions before amelioration. After amelioration the cultures planted in rows grow better than those planted according to the cluster system. It was also observed that the farther the tree stand is from ditches, toward the center of the strip between the ditches, the slower the natural falling of the trees and the slower the process of differentiation in the tree stand become. The greater distance from the ditches is accompanied by a decrease in the diameter and the height of the trees. A decrease in the average diameter in this case manifests itself to a milder degree than the decrease in the average height.

Card 2/3

USSR / Forestry. Forest Biology and Typology

K-2

Abs Jour: Ref Zhur-Biol., No 10, 1958, 43090

After soil improvement and the rising up of the young growth the additional pine growth on the entire area between ditches increases to 15-year old age group with regard to height and the 10-year age group with regard to the diameter. Depending on the degree of overgrowth and filling up of the ditches with mud the rates of both the diameter and height growth begin to drop. The variability in the rate of growth in height in the young trees of natural origin is greater than in the cultivated trees. This is explained by the uniform age of the latter and by the uniformity of the materials used in cultivation. -- D. I. Deryabin

Card 3/3

12

USSR / Forestry. Forest Management

K-4

Abs Jour: Ref Zhur-Biol., No 10, 1958, 43936

Author : Vomperskiy, S. E.

Inst : Leningrad Forest Management Academy

Title : The Significance of the Peat Quality on the Growth  
of Pine Woods in Drained Bogs

Orig Pub: Tr. Leningr. lesotekhn. akad., 1957, vyp. 81,  
ch.3, 105-115

Abstract: The work was carried out at the Roschchinsk,  
Primorsky, and Luga Forests in the Leningradskaya  
Oblast. The studies covered the pine young growth  
of 20 to 40 years on drained bogs with the peat  
depth of 0.4 to 4.0 meters. The measurement charac-

Card 1/3

21



USSR / Forestry. Forest Management

K-4

-Abs Jour: Ref Zhur-Biol., No 10, 1958, 43935

teristics of the areas under the study are given. It was established that the aggregate depth of the peat has no effect on the locality class of the young trees which emerged after the soil amelioration. With a peat depth of 0.7 meters the quality of the young plantings is in direct relation to the zone classification of the peat (other conditions being equal). This study included the compilation of an approximate table of relationship between the peat zonality and the locality class grading of the young pine trees with ages of 20 to 40 years, at a distance of 50 to 50 and 100 to 135 meters between the ditches, and a ditch depth of 0.5 to 0.8 meters. The successful growth of the young trees was noted both with lowered and raised acidity. In dividing the bogs according to the

Card 2/3

VOMPERSKIY, S.E., kand. sel'skokhozyaystvennykh nauk

Increasing the productivity of swampy forests; conference on  
forestry in swampy areas. Vest. N SSSR 28 no. 2: 118-119 Y '58.  
(Forests and forestry) (Drainage) (MIRA 11:5)

VOMPERSKIY, S. E.

AUTHOR: Vomperskiy, S. E., Candidate of Agricultural Sciences 30-2-46/49

TITLE: Increasing the Productivity of Boggy Forests (Povysheniye produktivnosti zabolochennykh lesov). Conference for the Study of Forest Bogs (Soveshechaniye po lesnomu bolotovedeniyu).

PERIODICAL: Vestnik Akademii Nauk SSSR, 1958, , Nr 2, pp 118-119 (USSR)

ABSTRACT: This conference took place from December 9-12, 1957 in Moscow. It was called by the Institute for Forestry AN USSR and the All Union Scientific and Technical Society for Forestry and Agriculture. It was attended by 115 scientists representing 48 scientific research institutes as well as teaching, planning and industrial institutions of the RSFSR the Ukrainian, Belorussian, Latvian, Estonian, and Lithuanian Republics. 26 letters were delivered, among them the following:

- 1) N.I. P'yavchenko gave a classification of the kinds of boggy forests.
- 2) Kh. A. Pissar'kov reported on the results of drains and on the role played by evaporation.
- 3) A.A. Molchanov reported on biological means for the regulation of the water conditions of various districts.
- 4) Ye.D. Sabo reported on the intensity of drainage according

Card 1/2

Increasing the Productivity of Boggy Forests,  
Conference for the Study of Forest Bogs

30-2-46/49

to the different kinds of woods.

- 5) S.Kh. Budyka reported on methods and principles of the hydrotechnical amelioration of Belorussian Forests.
- 6) M.P. Yel'pat'yevskiy, L.P. Smolyak, V.G. Rubtsov, P.Y. Kollist, and others reported on the effectiveness of drainage.
- 7) U.R. Riyspere, N.V. Shelukhin, reported on problems of the rational use of drained areas.
- 8) P.E. Sarman, S.E. Vomperskiy, V.F. Valikova reported on forestry in improved areas.
- 9) M.P. Yel'pat'yevskiy, Ye.D. Sabo, and others reported on mechanization and profitability of drainage.

The ditch dredger ДКА-2 is not suited for peat soils with a peat layer of more than 0,4 m. The construction of a new type of forest ditch dredger with a tackle is necessary. It was found at the conference that still many a problem in this field is unsolved. It was also pointed out that mechanical tools are widely lacking in forestry which hinders the carrying out of the plans. Suggestions for the improvement of all branches of this working field were made.

AVAILABLE:  
Card 2/2

Library of Congress  
1. Forestry-USSR 2. Drainage 3. Hydrology

Vomperskiy SE.

VOMPERSKIY, S.E.

Investigating the growth of young pine stands on drained peat soils.  
Trudy Inst. lesa 36:86-108 '57. (MIRA 10:12)  
(Pine) (Drainage)

VOMPERSKIY, S. E.

VOMPERSKIY, S. E. -- "The Effect of Drying and the Quality of Peat on the Growth of Young Artificial and Natural Pine Forests." Min Higher Education USSR. Leningrad, 1956. (Dissertation for the Degree of Candidate in Agriculture Sciences).

So.: Knizhnaya Litopis', No. 7, 1956.

POLYAK, B. I., VOMPGRADOVA=VOLZHEVSKAYA, M. A., KUZ'MYNYKH, V. I.

Eye - Surgery

Exclusion of the iris in the healing of experimental penetrating corneal wounds in various surgical methods. Vest. oft. 31, No. 2, 1952.

9. Monthly List of Russian Accessions, Library of Congress, June 1952 /1953/, Uncl.

*BC*

Instable sensitizing substance produced by BCG bacilli.  
J. von Ambros and T. Váry-Nagy (*Maryas Ovs. Arch.*, 1940,  
11, 78-82).—A clear compound of fat and of water, and NaOH-sol., proteins an insol. sensitizing substance is obtained from  
the bacilli. Rabbits treated with this substance show in-  
creased sensitivity to Koch's bacillus. After repeated  
intravenous injection of the substance it was possible to pro-  
duce fatal anaphylactic shock. A. G. F.



VONASEK, A.

New method of car varnishing with synthetic varnish S 2016  
Autex mixed with repair nitrovarnish 140015/0000. Automobil  
Cz 7 no. 11:356-357 N°63.

1. Opravny, Automobilove zavody, n.p., Mlada Boleslav.

VONASEK, A.

Polyester cements in automobile repair. Automobil Cz 9  
no.2:23 F '65.

LANGMAIER, Z.; VONASEK, A.

Bearing puller of the front axle. Stroj vyr 9 no.12:620 '61.

1. Automobilove zavody, narodni podnik, vedeni opraven, Mlada Boleslav.

COUNTRY : CZECHOSLOVAKIA E  
 CATEGORY : Chemical Technology. Chemical Products and Their  
 Applications. Perfumes and Cosmetics. Essential\*  
 ABS. JOUR. : RZhKhim., No 19, 1959, No. 68985  
 AUTHOR : Vanasek, F.  
 INSTITUTE : -  
 TITLE : Separation of Vanillin from Vanillal and of their  
 Isomers by Means of Chromatography on Paper.  
 ORIG. PUB. : Prumysl sotraviv, 1958, 9, No 6, 315-316  
 ABSTRACT : Presented is the separation method of vanillin  
 isomers and of side products chromatographically  
 employing Watman No 4 paper. The paper is impreg-  
 nated with a 20% formamide solution or with dimethyl  
 formamide in ethylacetate and dries at 25° for 10  
 minutes. The moving phase is the mixture of petro-  
 leum ether and benzene (2:1). The stationary phase  
 is formamide or dimethyl formamide. The appearance  
 of aldehydes is accomplished with the dinitrophenyl  
 \*Oils.

Card: 1/4

COUNTRY :  
CATEGORY :

ABS. JOUR. : RZhKhim., No 10, 1959, No. 68925

AUTHOR :  
INSTITUTE :  
TITLE :

ORIG. PUB. :

ABSTRACT : hydrazine solution (0.4 gr in 100 ml of 1 n. HCl)  
Con'd and with the FeCl<sub>3</sub> solution (2 gr in 100 ml of  
1% HCl). In the treatment with FeCl<sub>3</sub> solution,  
aldehydes, having a free phenol group in the  
ortho-position with respect to the carbonyl and  
dialdehyde radicals, are revealed (blue or violet  
spots). These spots are marked with pencil follo-  
wed by the sprinkling of the chromatogram with  
a solution of dinitrophenylhydrazine. In so  
doing the blue coloring disappears, thus revea-  
ling all of the aldehydes that give yellow  
spots (dialdehyde, O-isomer of vanillin and

Card: 2/4

COUNTRY :  
CATEGORY :

ABS. JOUR. : RZhKhim., No 19, 1959, No. 68986

AUTHOR :  
INSTITUTE :  
TITLE :

ORIG. PUB. :

ABSTRACT : 2, 3-diethoxybenzaldehyde and orange or dark  
Con'd red coloring -- aldehydes, substituted with car-  
bonyl-groups in the ortho-position. The total  
quantity of the applied sample is approx. 1500  $\mu$ .  
After the application of a sample dissolved in  
chloroform, the paper is dried for 2 min. at  
approx. 50°, then placed for 5 minutes into  
the chromatograph's chamber, saturated with  
vapors of the solvent and of formaldehyde. For  
the sharp separation it is sufficient for the  
solvent to travel 20 cm distance from the start.  
After the removal and marking of the boundaries

Card: 3/4

11 67

VONASEK, F.; JIRAT, E.

Aryliden-a of cycloalkylidendithiocarbazic acid. p. 324.

PRUMYSL POTRAVIN. (Ministerstvo potravinarskeho prumyslu) Praha, Czechoslovakia,  
Vol. 10, no. 6, June 1959.

Monthly list of East European Accessions (EEAI) LC, Vol. 8, No. 11,  
November 1959.

uncl.

VONASEK, F.

"Dividing vanillin, ethylvanillin, and their isomers by paper chromatography."

p. 315 (Prumysl Potravin, Vol.9, No. 6, 1958, Praha, Czechoslovakia)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 9, September 1958.



Distr: 4E3d

Simple and nuclear substituted benzyl esters. Fran-  
tišek Vonáček. Czech. 90,958, July 15, 1950. Passing  
with stirring 225 l.  $\text{NH}_3$  into 1260 g.  $\text{PhCH}_2$  1.2 g. picoline,  
650 g.  $\text{AcOH}$ , and 0.2 g.  $\text{NaI}$ , heating the mixt. towards the  
end of reaction to  $130-50^\circ$ , stirring 2 hrs., dilg. the cooled  
mixt. with 1 l.  $\text{H}_2\text{O}$ , and washing the sepd. oily layer until  
neutral gives in the main fraction, b<sub>m</sub>  $85-8^\circ$ , 1280 g.  $\text{PhCH}_2$ -  
OAc. L. J. Urbánek

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1-575(UE)

VONASKOVA, M.; VONASEK, H.

Observations of occultations made at the Public Observatory  
Rokycany in the years 1958-1961. Biul astr Cz 14 no.6:251-252  
'63.

1. Public Observatory Rokycany.

[illegible]

COKE OUTPUT. A NEW STANDARD OF PEAT QUALITY. Vonars, N.Y. (Torf. Prom.  
(Peat Ind. ). July 1951, 23, ~~22~~ 24).

VONASEK, F.

TECHNOLOGY

PERIODICALS: PRUNYSL POTRAVIN Vol. 9, no. 12, Dec. 1958

VONASEK, F.: TREPKOVA, E.: HLADIK, A. Analysis of new dyes approved for use in the food industry. p. 645

Monthly List of East European Accessions (EEAI) LC Vol. 8, no. 5  
May 1959, Unclase.

VONASEK, F.; HEROUT, V.; SORM, F.

Terpenes. CVII. The composition of essential oil from false cubebs and the structure of cubeb camphor. Coll Cz chem 25 no.3:919-926 (EBAI 9:12)  
Mr '60.

1. Department of Natural Products, Institute of Chemistry,  
Czechoslovak Academy of Science, Prague (for Herout and Sorm).
2. Aroma, Prague 2 (for Vonasek)  
(Pepper) (Terpenes)

VONASEK, F.

Distr: 4E20(5)

/ Benzyl phenyl ethers substituted with alkyl, hydroxy,  
or alkoxy groups in the nucleus. František Vonáček and Jan  
Doňalík. Czech. 87,151, Sept. 16, 1957. Removing H<sub>2</sub>O  
azeotropically from 0.3 kg. PhOH, 8 kg. NaCO<sub>3</sub>, 5 kg. Am-  
OH, and 1 g. NaI, adding portionwise 8.2 kg. PhCH<sub>2</sub>Cl  
contg. 6 g. pyridine, keeping the mixt. at 120-30° until evolu-  
tion of CO<sub>2</sub> has ceased (60 min.), distg. the AmOH, and  
washing the oily layer gives 11.0 kg. almost pure PhCH<sub>2</sub>O-  
Ph, m. 83-9°.

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**Terpenes. VII.** A new colored hydrocarbon from the oil of wormwood. P. Šorm, F. Yonáček, and V. Herout. *Collection Czech. Chem. Commun.*, 14, 91-7 (1949) (in English); cf. *C.A.* 43, 3808a; 44, 935c. Sepn. by chromatography (on  $Al_2O_3$ ) of a fraction of oil of wormwood, b.p. 93-100°, yielded an orange bicyclic hydrocarbon with 4 double bonds,  $C_{15}H_{18}$ , b.p. 127°,  $d_4^{20}$  0.9525,  $n_D^{20}$  1.5564. **VIII.** The constitution of carotol. 3. A new synthesis of 1,7-dimethyl-4-isopropynaphthalene. P. Šorm and J. Mleziva. *Ibid.* 96-107. Carvone subjected to the Reformatsky reaction and followed by hydrolysis yielded carvacrylidenecacetic acid, m. 112°, which, after boiling 6 hrs. with 100%  $H_2SO_4$ , rearranged to carvacrylacetic acid, m. 89°, which, converted to the acid

chloride and treated with  $CdMe_2$ , gave (2-*p*-cynyl)-acetone, (I) b. 128°. I with Zn and  $BrCH_2CO_2Et$ , followed by treatment with  $HCO_2H$  and alk. hydrolysis, gave 3-(2-methyl-5-isopropylphenyl)-2-methyl-2-propene-1-carboxylic acid (II), b.p. 155-5°. During the above  $HCO_2H$  treatment 20% I and  $EtOAc$  were also obtained. 3,5-Dimethyl-8-isopropyl-3,4-dihydro-1(2H)-naphthalenone (III) was obtained from the ring closure (by  $AlCl_3$ ) of the acid chloride of the hydrogenated form of II. III was reduced by  $LiAlH_4$  to the alc. which was dehydrogenated to 1,7-dimethyl-4-isopropynaphthalene, m. 89°. The ultraviolet spectra, picrates, and styphnates of this synthetic sample and the one isolated from carotol (cf. *C.A.* 42, 7281b; 43, 2498b) were identical. **IX.** The spectra of 2,6-dimethylarolene and 4,6-dimethylarolene in the visible and ultraviolet region. P. Šorm and O. Kneisl. *Ibid.* 201-8. Absorption spectra of the subject compds. are compared and their relationship to other arulenes discussed. **X.** On the synthesis of 2,6-dimethylarolene. P. Šorm, V. Tonáček, and R. Vrána. *Ibid.* 345-53. Et 8-methyladipate was cyclized with Na dust in  $C_6H_6$  to ethyl 3-methylcyclopentan-5-one-1-car-

over



boxylate, converted by Na dust in PhMe to the Na enolate which with  $\text{BrCH}_2\text{CO}_2\text{Et}$  gave Et 3-methyl-1-(carboethoxymethyl)cyclopentan-5-one-1-carboxylate, b. 134-5°. Refluxing with concd.  $\text{HCl}$  6 hrs. gave 3-methylcyclopentan-3-one-1-acetic acid (I), b. 142-3°; semicarbazone, m. 210°. I Et ester, b. 80°, with  $\text{NCCCH}_2\text{CO}_2\text{Et}$  in  $\text{EtOH}$  contg.  $\text{KOH}$  gave Et 1-carboxymethyl-3-methyl-5-cyano-4 $\alpha$ -cyclopentaneacetate, b. 165-67°. Hydrogenation of this, followed by hydrolysis, gave 4-methyl-1,2-cyclopentanediacetic acid, m. 173°. The acid chloride (prepd. with  $\text{SOCl}_2$ ) yielded with  $\text{CH}_3\text{N}_3$  the bis(diazoketone), m. 70°. An Arndt and Eistert rearrangement gave the diamide from whence 4-methyl-1,2-cyclopentane dipropionic acid (II), m. 140°, was obtained. II heated at 300° with Fe powder and  $\text{NaOH}$ , was converted to 9-methyl-*cis*-bicyclo[5.3.0]decan-4-one (III), b. 126°; semicarbazone, m. 183°. III with  $\text{MeMgI}$  gave 4,9-dimethyl-*cis*-bicyclo[5.3.0]decan-4-ol (IV), b. 126°, m. 49°. IV heated with  $\text{KHSO}_4$  at 178° for 10 min., altered, and distd. gave 4,9-dimethyl-*cis*-bicyclo[5.3.0]decan-4-one, b. 98°, which after heating with 3 and extg. with petr. ether, was chromatographically sepd., with  $\text{Al}_2\text{O}_3$ , giving a clear violet compd., 2,6-dimethylazulene, m. 97°; trinitrobenzene addn. product, m. 107°. M. Q. Webb

*VONASKOVA, E.*

SOLICH, J.; DUSKOVA, H.; RUML, M.; VONASKOVA, E.

CSSR

Dept. of Pharmaceutical Operations, Pharmaceutical faculty (Katodra  
lekarenskeho provozu Farmaceuticke fakulty) Bratislava -- Faculty Pharmacy  
(fakultni lekarna), Brno

Bratislava, Farmaceuticky Obzor, No 3, 1963, pp 120-128

"Thematics of the Work of Teaching Health by the Pharmacist, I. The Problem of  
Propagation of Pharmacy"

(4)

4  
CZECHOSLOVAKIA

SOLICH, J; DOFKOVA, L; DUSKOVA, M; RUML, M; VONASKOVA, E.

1. Chair of Pharmaceutical Work of the Pharmaceutical Faculty UK (Katedra farmaceutickeho provozu Farmaceuticke fakulty UK); Bratislava; 2. Faculty Apothacary (Fakultni lekarna), Brno

Bratislava, Farmaceuticky obzor, No 5, 1963, pp 218-226

"Thematics of Sanitation-Explanatory Work of the Druggist II.  
Problematic of the Misuse of Drugs."

VONASKOVA, M.; VONASEK, M.

Observations of occultations made at the Public Observatory  
Rokycany in the years 1958-1961. Biul astr Cz 14 no.6:251-252  
'63.

1. Public Observatory Rokycany.

BC

8-4-2

Nitroglycerol content of 0.001-g. tablets prepared by different methods. E. von BARL (Magy. Gyógysz. Társaság Hírlap, 1935, 11, 55-51; Chem. Zentr., 1935, 1, 3044).—The nitroglycerol (I) content was markedly influenced by the drying temp. used and, to a smaller extent, by the concn. of the (I) solution and the composition of the tablet. A. G. P.

ASAC-ALA METALLURGICAL LITERATURE CLASSIFICATION

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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The age of the petroleum industry. Z. von BIRKBEI. *Allgem. oester. Chem. u. Tech.-Ztg.* 50, No. 3, 11-13 (1932).—Data are given to show that the beginning of the petroleum industry of Poland antedates that of Roumania. From 1815 to 1817, "naphtha" or benzene was distd. from petroleum and by 1810 the city of Drobovnyer and its environs had been lighted by naphtha for several years. The first petroleum lamp in the world was lighted in an apothecary's window in Lemberg in the spring of 1833 and a hospital in L. began the use of naphtha lamps in July of the same year. A distn. plant was soon established and by 1840 naphtha was being supplied in quantity to Vienna. EMMA E. CRANDALL.

IMMAGINE CRISTIANA

ASB-5L5. METALLURGICAL LITERATURE CLASSIFICATION

VON BRAUCHITSCH, M.

"Struggle for meters and seconds." (To be contd.) Tr. from the German. p. 188  
(Svet Motoru, Vol. 8, No. 168, Mar. 1954, Praha)

Monthly List of East European Accessions, Library of Congress, Vol. 3, No. 6, June. 1954,

Uncl.

VON BRAUCHITSCH, M.

"Battle for meters and seconds." II (To be contd.). Tr. from the German, (p. 218).  
SVETA MOTORU (Svaz pro spolupraci s armadou) Praha, Vol 8, No 7, Apr. 1954.

SO: East European Accessions List, Vol 4, No 8, Aug 1954



CA 10

Synthesis of alkaline derivatives of methoxy acids. J. VON BRAUN AND H. FRANK  
Rozanski Chem. 11, 820-6 (1931). *o*-Methylmandelyl chloride (I),  
prepd. from *o*-methylmandelic acid and  $\text{SOCl}_2$ , condensed with tropine yields methyl-  
homotropine,  $\text{C}_{11}\text{H}_{15}\text{O}_2\text{N}$ , b.p. 144-6° (dihydrate m. 50-5°; picrate m. 214°; picronate  
m. 231°; Mel deriv. m. 231°). *o*-Methyltropyl chloride (II) yields with tropine *o*-  
methylatropine,  $\text{C}_{11}\text{H}_{15}\text{O}_2\text{N}$ , b.p. 102-4° (picrate m. 203°; Mel deriv. m. 231°). Di-  
methylaminoethanol and I give dimethylaminoethyl *o*-methylmandelate,  $\text{C}_{11}\text{H}_{15}\text{O}_2\text{N}$ , b.p.  
120-2° (Mel deriv. m. 230°; picrate of Mel deriv. m. 105°). II with dimethylamino  
ethanol yields similarly dimethylaminoethyl *o*-methyltropate,  $\text{C}_{11}\text{H}_{15}\text{O}_2\text{N}$ , b.p. 121-0°  
(Mel deriv. m. 200°; picrate of Mel deriv. m. 100-2°). I forms with  $\gamma$ -N-tropicidyl  
propanol the corresponding *o*-methylmandate,  $\text{C}_{11}\text{H}_{15}\text{O}_2\text{N}$ , b.p. 160-2° (Mel deriv. m.  
140°), while II gives analogously the *o*-methyltropate,  $\text{C}_{11}\text{H}_{15}\text{O}_2\text{N}$ , b.p. 108-70° (Mel  
deriv. m. 137°). J. WIERTELAK

VON BROCKDORFF, U.

*Handwritten:*  
fied  
under "N"

289. Micro-balance. U. von Brockdorff and K. Kirsch  
(Elektrotech., 2, 1950, Pt. 611--612; H.U.I., 1, Mon. Ital., 1951,  
28, 289).--An arrangement is described employing a photo-  
cell and a valve, in the anode circuit of which is an indicator cell.  
rated in terms of mass. H.U.U.R.A. (Cf.).

BA

299. Rhodium micro-balance. U. von Brockdorf and K. Kirch  
(Elektronik, Z., 1990, 71, 611-612; B.C.U.R.A. mon. Bull., 1961,  
28, 239).—An arrangement is described employing a photo-  
cell and a valve, in the anode circuit of which is an indicator cali-  
brated in terms of mass. B.C.U.R.A. (C1).

VONCETOVIC, Z. (Engr.)

" Regulation of floods and protection on land from Erosion in Serbia."

Air, AA, Belgrade, IR-135-54, 26 April 1954, "Isgradnja" No. 1-2 for Jan & Feb. 1954, 1954 info., Unclass.

[illegible]

VONCINA, Mihael

Mail delivery to remote areas and beyond delivery limits.  
PTT zbor 14 no.7/8:187-188 Ag '62.

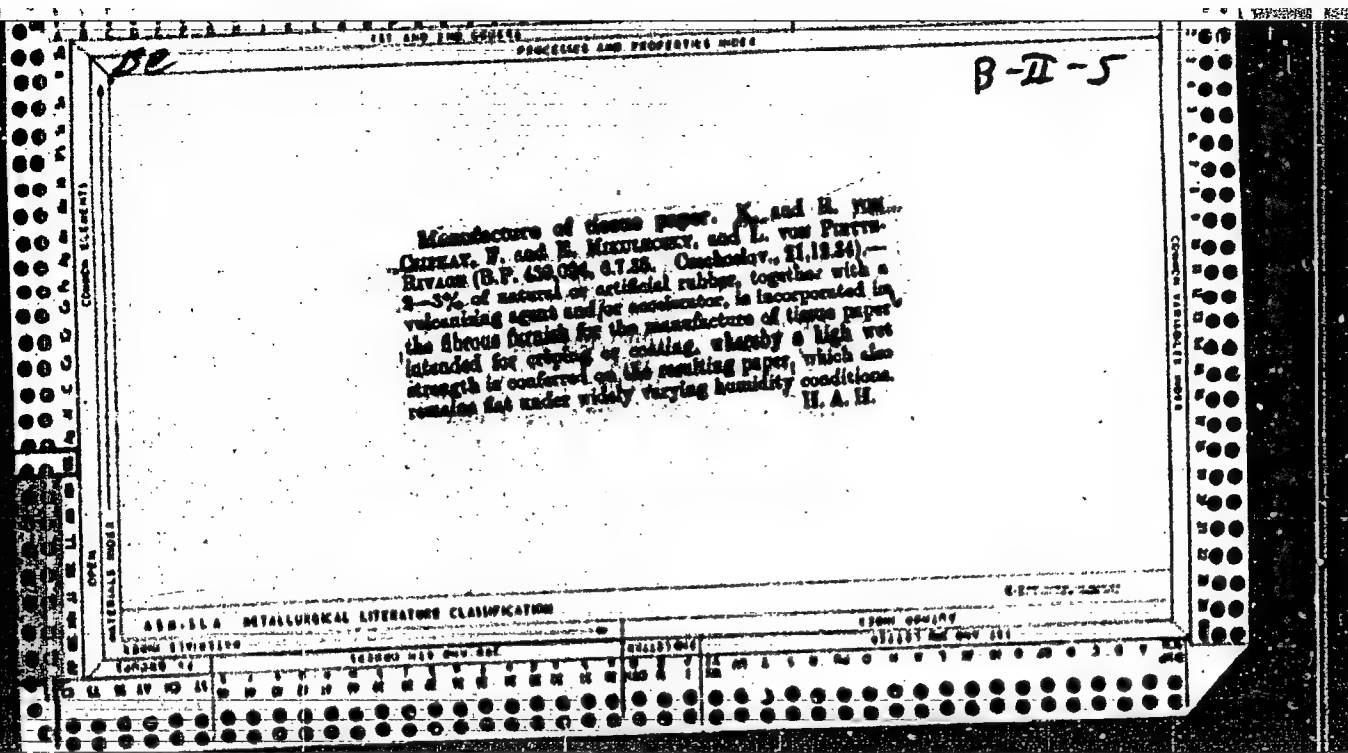
*PC*

B-II-5

Manufacture of tissue paper. K. and E. von  
CERNY, F. and M. MACHANEK, and L. von FURTH-  
RIVAN (B.P. 498,066, 6.7.33. Czechoslov., 11.12.34).—  
A 3–5% of natural or artificial rubber, together with a  
vulcanizing agent and/or accelerator, is incorporated in  
the fibrous furnish for the manufacture of tissue paper,  
intended for coating or coating, whereby a high wet  
strength is conferred on the resulting paper, which also  
remains flat under widely varying humidity conditions.  
H. A. H.

ASD-SLA METALLURGICAL LITERATURE CLASSIFICATION

FROM MONDAY  
RECEIVED ONE DAY 1951





VONCSINA, Rezes

Stitching shoe uppers. Bor cipo 10 no.5:157-160 8 '60.

1. Boripari Kutato Intezet.

VONCSINA, Rezzo

Materialization of research topics. Bor cipo 10 no.1:12-14 Ja '60.

1. Boripari Kutato Intezet.

VONCSINA, Rezzo

Research subjects ready to be introduced. Bor cipo 10 no.1:  
12-14, Ja '60.

1. Boripari Kutato Intezet.

VONCSINA, Razso

Stitching of shoe uppers. Bor cipo 10 no.5:157-160 S '60.

1. Boripari Kutato Intezet.

VONDA, A.

Further development of work. Avt.transp. 4 no.8:1-3 Ag '62. (MIRA 16:4)

1. Ministr avtomobil'nogo transporta i shosseynykh dorog Latviyskoy  
SSR.

(Latvia—Transportation, Automotive)

VONDA, A.

Varied forms of training. Avt.transp. 42 no.1:5-6 Ja '64.  
(MIRA 17:2)

1. Ministr avtomobil'nogo transporta i shosseynykh dorog Latvyskoy SSR.

VONDAL, Josef, inz.

"Steel reinforcement of mine galleries" by Fritz Spruth. Reviewed by Josef Vondal. Rudy 10 no.9:328 S '62.

1. Ministerstvo hutního průmyslu a rudných dolů.

VONDAREVA, M. M.

FOKEYEV, V.M.; NAMIOT, A. Yu.; VONDAREVA, M.M.; UL'YANINSKIY, B.V.

Paraffin deposits from formation oils. Trudy VNII no.8:369-  
378 '56. (MLRA 9:12)

(Paraffins) (Petroleum engineering)



COUNTRY : Czechoslovakia  
CATEGORY : General problems of pathology. Tumors. Comparative Oncology  
ABS. JOUR. : RZBiol., No. 12 1958, No. 56442  
AUTHOR : Vondra, J., Vileuska, V.  
INST. : -  
TITLE : Benignant Tumors of the Nasal Sinuses

ORIG. PUB. : Ceskosl. Rentgenol., 1957, Vol.11, No.1, 35-41

ABSTRACT : Clinical data are presented and discussion given of the problem of the X-ray diagnosis of tumors of the nasal sinuses. Emphasis is placed on the difficulty of diagnosis and the importance of tomography for the timely diagnosis of these tumors. -- From the authors' resume.

CARD: 1/1

VONDRA, J.

Relation of fractures of facial bones and base of the skull  
to palpebral hematoma. Cesk. oftal. 21 no.6:491-496 N '65.

1. Oddeleni pro stomatologii a celistni chirurgii nemocnice  
v Praze-Motole (vedouci MUDr. J. Vondra).

VONDRA, J  
VONDRA, Jiri; VINDUSKA, Vladimir

~~SECRET~~  
Surgery and radiotherapy in epithelioma of lower lip. Neoplasma, Bratisl.  
4 no.4:384-391 1957.

1. L'Hospital de Faculte a Prague XIIme, Section de stomatologie et de  
chirurgie maxillaire, Section de radiologie.

(LIPS, neoplasms

epithelioma of lower lip, radiother. & surg.)

(RADIOTHERAPY, in various dis.

epithelioma of lower lip)

EXCERPTA MEDICA Sec 9 Vol 13/2 Surgery Feb 59

987. THE SURGICAL AND RADIOLOGICAL TREATMENT OF EPITHELIOMATA OF THE LOWER LIP - Traitement chirurgical et radiologique des épithéliomas de la lèvre inférieure - Yondra J. and Vysduška V. Hôp. de Fac., Sect. de Stomatol. et de Chir. Maxillaire; Sect. de Radiol., Prague - NEOPLASMA 1957, 4/4 (384-391) illus. 4

It has been found that surgical treatment, however radical, cannot by itself guarantee lasting success. Neither is irradiation of the tumour region, as the only treatment, quite satisfactory. From a suitable combination of these two therapeutic measures, however, considerable success may be expected. These conclusions are based on personal cases and on a comparison of patients treated by a personal combination method with patients to whom one of the two forms of treatment was not given, or was given too late. The therapeutic procedure can be summarized as follows: (1) Even in the initial stages, when the condition is not very pronounced, the tumours must be excised radically, down to the healthy tissue. The surgical technique is selected by the surgeon as he sees fit, although of course the rules of plastic suture must be observed. (2) Eight days after the operation the suture is removed, and after a further 8 days one must begin with an intense radiological treatment, whether contact therapy or deep irradiation, depending on the nature of the case, on the lymph vessels. There is no danger of decomposition of the irradiated tissue. The follow-up periods of the authors' personal cases have been only 1-5 yr. but during these periods no signs of recurrences have been observed.

(IX, 5, 14, 16)

VONDRA, Jiri

Removal of posttraumatic skin pigmentation by abrasion.  
Cas. lek. cesk. 95 no.44-45:1241-1243 9 Nov 56.

1. Oddeleni nemoci subnich, ustnich a celistnich SFN v  
Praze XII (prednosta prim. Dr. J. Vondra).

(PIGMENTATION

posttraum. of skin, surg., abrasion planing (Gx))

(SKIN, wds. & inj.

posttraum. pigmentation, surg., abrasion planing (Gx))

VONDRA, Jozef

SURNAME, Given Names

(2)

Country: Czechoslovakia

Academic Degrees: Assistant, MD

Affiliation: Clinic of Dentistry, LF UPJS / Lekarska fakulta University Pavla Josefa Safarika, Faculty of Medicine of Pavel Josef Safarik University/ (Zubna klinika LF UPJS), Kosice.

Sources: Prague, Prakticke Zubni Lekarstvi, Vol IX, No 6, July 1961, pp 169-17.

Data: "Minor Surgical Operations in Prosthetic Treatment."

54

VONDRA, Karel, CSc. promovany ekonom

Problems of forest road network reconstruction. Pt.1. Les  
oas 10 no.10:835-852 O '64.

1. Forestry Development Worksite, Prague.

VONDRA, L., HEJCHAN, K., SKRIVANEK, M.

Modernizing production equipment in the USSR. p. 145.

STROJIRENSKA VYROBA, Praha, Czechoslovakia, Vol. 7, no. 3, 1959

Monthly list of East European Accessions (EAAI), IC, Vol. 8, no. 7,  
July 1959

uncla.



Vondra, N.

BALOGH, F.; VONDEA, N.

Experiences with alcohol infusion in urological surgery. Orv. hetil.  
93 no. 14:412-414 6 Apr 1952. (CML 23:3)

1. Doctors. 2. Urological Clinic (Director -- Prof. Dr. Antal Babics),  
Budapest Medical University.

VONDRA, N.; BALOGH, F.; SOLYMAR, J.

Experimental research in aureomycin sensibility and its adjuvant  
role in urological diseases. Orv.hetl. 91 no.35:1052-1054 27 Aug  
50. (CIWL 20:5)

1. Of the Urological Clinic (Director --Prof.Dr.Antal Babics),  
Budapest University.

VONDRA, Nandor, dr.; MAGASI, Peter, dr.; BARANYAI, Elemer, dr.

8-year experience with the operative treatment of muscular contractures of the bladder neck. *Magy sebess.* 14 no.5:315-322 0 '61.

1. A Budapesti Orvostudományi Egyetem Urológiai Klinikájának (Igazgató: Babics Antal dr. egyetemi tanár, akadémikus) közleménye.

(BLADDER dis)

VONDRA, N.

ZADOR, L.; VONDRA, N.

Streptomycin and PAS therapy in epididymal tuberculosis.  
Magy. sebeszet 4 no.2:128-130 1951. (CIWL 20:11)

1. Doctors. 2. Urological Clinic (Director -- Prof. Dr.  
Antal Babics, Academician), Budapest Medical University.

LANCOS, P.; VONDRA, N.; CSERHATI, E.

On the significance of abnormal renal vessels in infancy and childhood. Acta paediat. acad. sci. Hung. 4 no.2:141-152 '63.

1. I Kinderklinik (Direktor: Prof. Dr. P. Gegesi Kiss) der Medizinischen Universität, Budapest.

(RENAL ARTERY) (RENAL VEINS)  
(VASCULAR DISEASES) (ABNORMALITIES)  
(KIDNEY DISEASES) (UROGRAPHY)  
(DIAGNOSIS, DIFFERENTIAL)  
(NEPHRECTOMY)

VONDRA, N; MOLNAR, J.

~~Resorption~~ Resorption by the kidney pelvis. Magyar Sebészeti 3 no. 3:236-  
(CIML 20:1)  
239 1950.

1. Of the Urological Clinic (Director -- Dr. Antal Babics,  
--University Professor Lecturer), Peter Pazmany University.

VONDRA, Jiri

Injuries of the bones of the head. An atlas of clinical and X-ray diagnosis. In English. Tr. from the Czech. illus., bibl., indexes) Authors: J. Vondra, R. Blaha, Prague, Artia, 1956. 304 p.

Bibliograficky katalog, CSR, Ceske knihy, No. 36. 15 Oct 57. p. 783.

VONDRA, Jiri (Praha 12, Srobarova 50)

~~CONFIDENTIAL~~  
Responsibilities to & of dentistry. Cas. lek. cesk. 97 no.31-32:  
1017-1020 8 Aug 58.

1. Oddeleni pro stomatologii a celistni chirurgii Stat. fak. nem. v  
Praze 12, prednosta prim. dr. Jiri Vondra.

(DENTISTRY

coverage of field of modern dent. (Cz))



VONDRA, J.

CSSR

MD

director, dept. of stomatology and jaw surgery at the Hospital in Prague-Motole  
(oddeleni pro stomatologii a celistni chirurgii nemocnice v Praze-Motole)

Prague, Ceskoslovenska Stomatologie, No 6, 1962, pp 429-441

"Mechanisms of Fractures of the Anterior Cranial Fossa"

VONDRA, J.

Notes on the diagnosis of the zygomatic region. Rozhl. chir. 41 no.9:  
633-637 S '62.

1. Stomatologické oddelení nemocnice v Praze 5 - Motole, přednosta  
dr. J. Vondra.

(ZYGOMA)

VONDRA, Karel, CSc. promovany ekonom

Problems of the reconstruction of forest roads. Pt.2. Les cas  
10 no.11:947-970 N '64.

1. Institute of Building Economics and Organization, Bratislava,  
Worksite Prague.

VONDRA, N.

On rigidity of the bladder neck in infancy and childhood. Acta chir.  
Acad. Sci. Hung. 3 no.2/3:287-291 '62.

1. Urologische Klinik (Direktor: Prof. Dr. A. Babics) und I. Kinderklinik  
(Direktor: Prof. Dr. P. Gegesi Kiss) der Medizinischen Universität  
Budapest.

(BLADDER abnorm)

(URETHRA abnorm)

VONDRA, Vladimír, inz.

Automatic control of irrigation pumping stations. Vodní hosp  
14 no.8:311-314 '64.

1. Hydroprojekt, Brno.

073.173

ZELENY, M., HORAK, J.; VONDRA, V.; Otolaryngological Department Central Military Hospital (Otolaryngologicke Oddeleni Ustredni Vojenske Nemocnice), Prague, Head (Vedouci) Prof. Dr. E. CERNY; Department for Medical Aspects of Sports, Central Military Hospital (Sportovne Lekarske Oddeleni Ustredni Vojenske Nemocnice), Prague, Head (Vedouci) Dr. J. HORAK; Internal Department, Central Health Institute, Military of Interior (Interni Oddeleni Ustredniho Zdravotnickho Ustava MV), Prague, Head (Vedouci) Dr. D. FRIEDMANOVA.

"Relation of Vasomotor Rhinitis to Spastic Broncho-Pulmonary Syndrome in Spirographic Examination."

Prague, Casopis Lekarů Ceskych, Vol 105, No 23, 10 Jun 66, pp 612-616

Abstract [Authors' English summary modified]: Ventilation function of the lungs before and after an epinephrine test (s.c.) was investigated in 44 cases of allergic vasomotor rhinitis and in 20 cases of non-allergic vasomotor rhinitis. In patients suffering from allergic v.r. the percentage of predicted value of

Prague, Casopis Lekaru Ceskyoh, Vol 105, No 23, 10 Jun 66, pp 612-616

vital capacity, of the vital capacity per second ( $\%NHVC$ ,  $\%NHFEV_1$ ,  $\%NFe$  and VC) was increased. In non-allergic v.c. the ventilation function was normal. 4 Figures, 1 Table, 6 Western, 11 Eastern references. (Manuscript received Jun 65).

"Sixty-Fifth Birthday of Professor Dr Otakar JANOTA"

Prague, Ceskoslovenska Psychiatrie, Vol LIX, No 2, April 63, pp 112-114.

Abstract: Articles with biographical data on JANOTA were published in this magazine, Vol LIV, 1958, p 73, and in Casopis Lekaru Ceskych, Vol 87, 1948, p 246. Otakar JANOTA, MD, [head of the neurological department of the Bulovka Hospital], psychiatrist and university professor, has been chairman of the Psychiatric Section of the J.Ev. Purkyne Czechoslovak Medical Society (Ceskoslovenska lekarska spolecnost J.Ev. Purkyne) since 1957. He is a member of the Scientific Council of the Research Institute of the Social Security Agency (Studijni ustav, Statni ustav socialniho zabezpeceni). In 1961, he became member of the Comité de Patronage de la Revue de Médecine Psychosomatique. He preaches materialistic psychiatry.

1/1

NOVACEK, A.; VONDRACEK, B.; TOIMAN, J.

Sulfonamides. VII. Sulfamethoxydine. Cesk. farm. 14 no.2:72-74  
F '65.

1. Chemopharma, n.p., Usti nad Labem.



VONDRACEK, B.; NOVACEK, A.; SINKULE, F.; ULRICH, M.

Sulfonamides. Sulfanilylthiourea. Cesk. farm. 11 no,6:304-305 J1 '62.

1. Chemopharma, n.p., Usti nad Labem.  
(THIOUREA - related compounds)

(SULFONAMIDES- chemistry)

NOVACEK, A.; VONDRACEK, B.; SINKULE, F.; KOKES, S.

Sulfonamides. III. Sulfamethoxypyridazine. Cesk. farm. 11 no.4:176-178 '62.

1. Chemopharma, n.p., Usti and Labem.  
(SULFAMETHOXYPYRIDAZINE chem)

VONDRACEK, B.; NOVACEK, A.; SINKULE, F.; TYL, D.

Sulfonamides. II. Chlorothiazide and dihydrochlorothiazide.  
Cesk. farm. 11 no.4:173-175 '62.

1. Chemopharma, n.p., Usti n. L.  
(CHLOROTHIAZIDE chem) (CHLOROTHIAZIDE rel cpds)

NOVACEK, A.; VONDRACEK, B.

Sulfonamides. VI. Some new reactions of 6-amino-4-chlorobenzene-1,  
3-disulfonchloride. Cesk. farm. 13 no.2:52-54 F#64.

1. Chemopharma, narodni podnik, Usti nad Labem.

\*

NOVACEK, A.; VONDRACEK, B.; SINKULE, F.; ULRICH, M.

Sulfonamides. IV. Sulfacetamide. Cesk. farm. 11 no.6:302-304 J1 '62.

1. Chemopharma, n.p., Usti nad Labem.  
(SULFONAMIDES chem)

G. S.; M. S. ; VONDRACEK, F.

Motorists at the 5th anniversary of the League for Cooperation with the Army.

p. 644 (Svet Motoru) Vol. 11, no. 21, Oct. 1957, Praha, Czechoslovakia

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS, (EEAI) LC, VOL. 7, NO. 1, JAN. 1958

VONDRACEK, J., inz.; VOSTATEK, M., Ph.Mr.

Synfex, an efficient gas cleaning agent. Paliva 44 no.8:252-253  
Ag '64.

1. Vychodoceske chemicke zavody Synthesia National Enterprise,  
Pardubice - Sentiin.

VONDRACEK, Jiri, inz. CSc.

Pollination conditions of apple trees. Rost vyroba 10  
no. 7:729-742 J1 '64.

1. Institute of Fruit Research, Holovousy.



SYROVATKA, A.; VONDRACEK, J.; MACHKOVA, B.

Accident mortality of children 1-14 years of age in Czechoslovakia during 1950-1963. Cesk. zdrav. 13 no.9:456-465  
S '65.

1. Ustav pro peci o matku a dite v Praze a Matematicky ustav  
Ceskoslovenske akademie ved v Praze.

VONDRACEK, Jiri, inz.

Germination of apple and pear pollen in various saccharose concentrations. Rost vyroba 9 no.9:957-966 S'63.

1. Vyzkumny ustav ovocnarsky, Holovousy.

VONDRACEK, Jiri

"Statistical methods in experimental medicine" by Z. Roth,  
M. Josifko, V. Maly, V. Trecka. Reviewed by Jiri Vondracek.  
Aplikace mat 9 no.1:76-77 '64.

VONDRACEK, Jiri, inz.

Automatic telephone connection between London and Paris. Cs spoje  
8 no.4:32 Ag '63.

1. Vyzkumne vypoctove stredisko.

VONDRACEK, Jiri, inz.

New conception of page teletyping. Sdel tech 11 no.11:427 N'63.

BALAI, K.; VONDRACEK, J.; VALENTOVA, J.

Importance of employment and negative emotions on the pressor reaction in women with late pregnancy toxemias. Cas. lek. cesk. 104 no.6:154-159 12 F'65.

1. Ustav pro peci o matku a dite (zatimni reditel: doc. dr. J. Horsky).

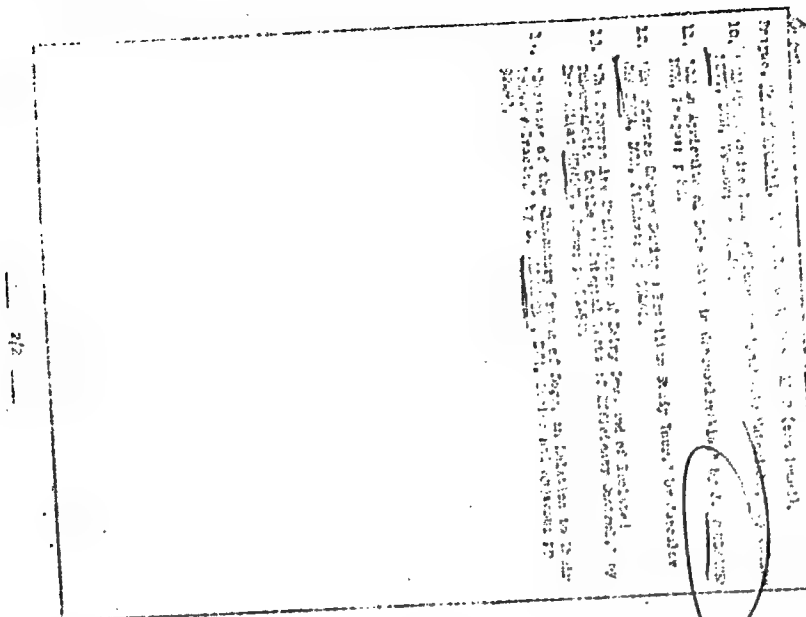
VONDRÁČEK, J.

Štěpán, Zbyněk; and Vondráček, Jiří. A simple nonparametric test of the difference of location of two populations. *Apl. Mat.* 2 (1957): 215-221. (Czech, Russian and English summaries)

Two ordered independent random samples  $x_1 < x_2 < \dots < x_n$ ;  $y_1 < y_2 < \dots < y_m$  are given. For solving the two sample problem the characteristic  $Q = R + S$  is used, where  $R$  denotes the number of points from the sample  $\{x_i\}$  which are less than  $y_1$ , and  $S$  is the number of points from the sample  $\{y_j\}$  greater than  $x_n$ . Rosenbaum's test uses the number  $S$  only. The distribution of the characteristic  $Q$  is determined and an expression for the tail probabilities given. Tables of 1% and 5% critical values are given.

J. Janko (Prague).

VONDRACEK, J.





VONDRACEK, Josef, inz.

Mechanical nozzle equipment for removal of snow, ice, and dirt from  
railroad tracks. Zel dop tech 12 no.10:276-277 '64.

VONDRACEK, KAREL

Mery; Psylloidea; rad: hmyz stejnokridly, homoptera. (1 vyd.)

Praha, Czechoslovakia, Nakl. Ceskoslovenske akademie ved, 1957. 430 p.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 8, August 1959.  
Uncl.

CZECHOSLOVAKIA / General and Special Zoology. Insects. P  
Systematics and Faunistics.

Abs Jour: Ref Zhur-Biol., No 14, 1958, 63867.

Author : Vondracok, K.

Inst : Not given.

Title : New Leafhoppers From Slovakia.

Orig Pub: Zol. listy, 1957, 6, No 2, 169-171.

Abstract: A description of new species: were described,  
Trioza diabolai and Baeticera kratochvili

Card 1/1

VONDRACEK, KAREL  
CZECHOSLOVAKIA/General Division - History. Classics.  
Personalities.

A-2

Abs Jour : Ref Zhur - Biologiya, No 7, 10 April 1957, 25695  
Author : Vondracek, Karel  
Inst : Academy of Sciences Czechoslovakia; Prague Entomological  
Society; Paris Society of Anatomists.  
Title : Professor Dr. Karel Sulc  
Orig Pub : Vest. Ceskosl. spolec. zool., 1953, 17, No 2, 89-115  
Abst : Obituary of the noted Czech zoologist Sulc (1872-1952),  
member of the Academy of Sciences of Czechoslovakia,  
honorary member of the Prague Entomological Society  
and member of the Paris Society of Anatomists. Sulc  
worked in the fields of animal morphology, ecology and  
taxonomy, particularly in entomology. He described ma-  
ny new species and genera of Psylloidea. He is known  
for his unfinished monograph on palaearctic species of

Card 1/2